



BLM0 DC LATCHING SOLENOID

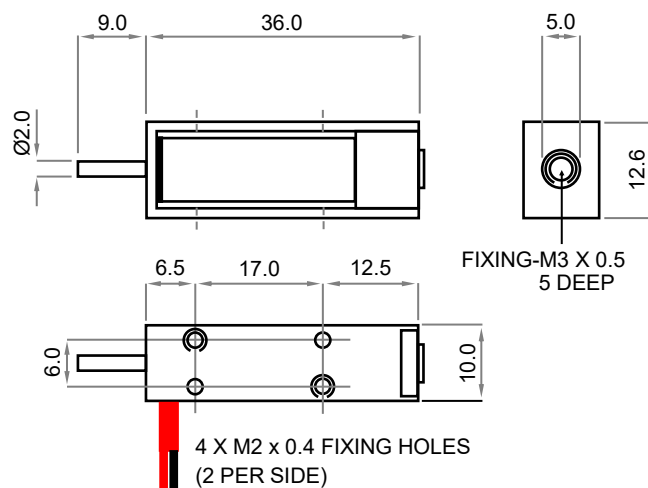
Availability
DC only
PULL & THRUST

Solenoid shown in
energised position

Weight complete 20g
Plunger weight 4g max

Solenoid CLOSSES with
RED Lead + VE
Solenoid OPENS with
BLACK Lead + VE

Minimum Pulse duration - 50ms
De-latch power - 0.5W

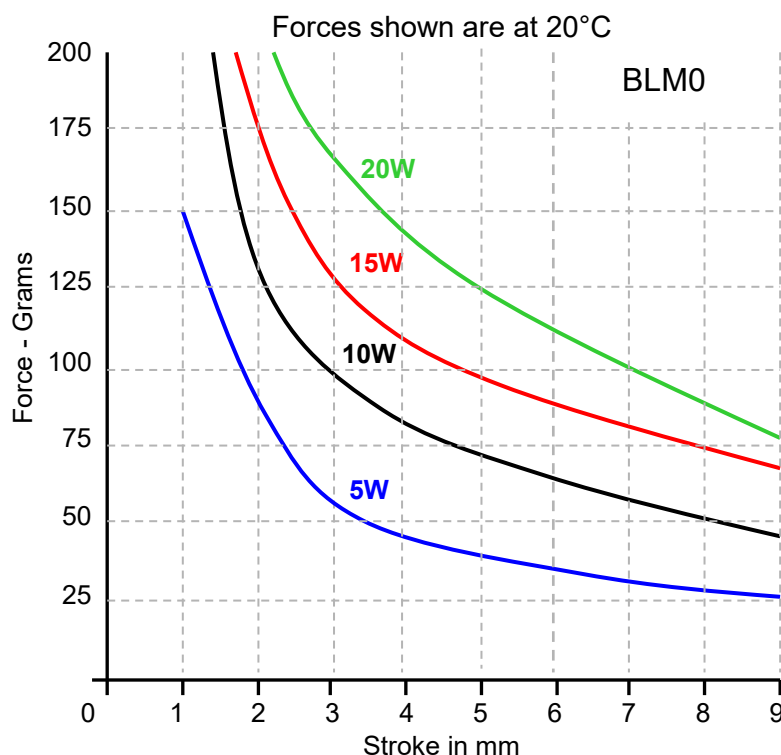


LEADS 200 ONE RED ONE BLACK

DIMENSIONS IN MM

Magnet Holding Force @ '0'stroke - 350g

External force is required when de-latching
Return spring fitted as standard



Example Applications

- Electronic Locks
- Medical Cabinets
- Vending Machines
- Battery Operated Locks

** Please note: Fixing, plunger coupling, thrust rods and lead length can all be customised **
We reserve the right to alter or amend designs without prior notice.

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BLM0 Rev 6 - 2019

CODING

Please use the standard coding below when advising your design requirement.

BLM0 /

Voltage & Rating

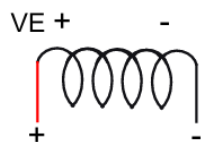
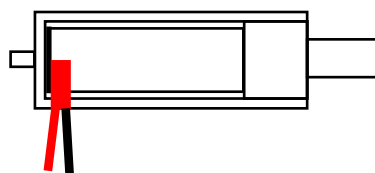
	5W	10W	15W	20W
6VDC	09	10	11	12
9VDC	13	14	15	16
12VDC	17	18	19	20
24VDC	21	22	23	24

Example - BLM0/19

Other voltages are available on request.

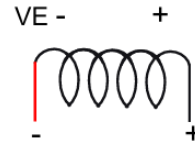
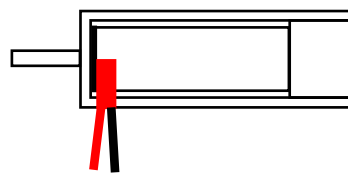
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Operating Principle



Plunger in Open position free or maintained by an external force.

- 1, Energise coil, plunger PULLS or THRUSTS (PUSHES) to closed position.
- 2, Pulse to coil finishes, permanent magnets hold the plunger closed.



Plunger in Closed position held by permanent magnets.

- 1, Energise coil with lower voltage reverse polarity pulse.
- 2, Incorporated return spring assists de-latch to open position

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